

1 WHAT IS CLAIMED:

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3 1. A MRI gradient coil set, said coil set comprising:

4 a uniplanar Z-gradient coil;

5 a biplanar X-gradient coil; and

6 a biplanar Y-gradient coil, said coil set providing an open Z-axis face.

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8 2. A coil set according to claim 1, wherein at least one of said coils is a shielded coil.

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10 3. A coil set according to claim 1, wherein said biplanar coils include shoulder reliefs.

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12 4. A coil set according to claim 1, wherein at least one of said coils is a phased array
13 coil.

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15 5. A coil set according to claim 1, further comprising a radio frequency coil integrated
16 therewith.

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18 6. A coil set according to claim 1, wherein said coils are conjoined.
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